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Atty. Dkt. No. 081445-0359

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Singhal et al.

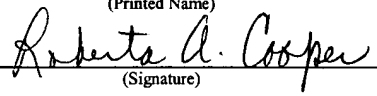
Title: DETERMINING AMPLITUDE
LIMITS FOR VIBRATION
SPECTRA

Appl. No.: 10/805,807

Filing Date: 03/22/2004

Examiner: To be determined

Art Unit: 2856

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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

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Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

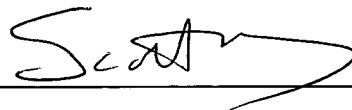
The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Respectfully submitted,

Date

8/27/04

By



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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: August 27, 2004

Use as many sheets as necessary

Sheet 1 of 3

Complete if Known

Application Number	10/805,807
Filing Date	03/22/2004
First Named Inventor	Ashish Singhal
Group Art Unit	2856
Examiner Name	To be determined
Attorney Docket Number	081445-0359

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

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	A1	DIEBOLD, F. X.; "Elements of Forecasting"; South-Western College Publishing, Cincinnati, OH (1998); Pages 30-31.	
	A2	IGLEWICZ, B. and HOAGLIN, D. C.; "How to Detect and Handle Outliers"; American Society for Quality; Milwaukee, WI (1993); Pages 32-33.	
	A3	KUNT, M.; "Digital Signal Processing"; Artech House; Norwood, MA (1986); Pages 125-143.	
	A4	MONTGOMERY, D. C. and RUNGER, G. C.; "Applied Statistics and Probability for Engineers"; John Wiley; NY (1994); Chapter 14; Pages 831-865.	
	A5	SHESKIN, D. J.; "Handbook of Parametric and Nonparametric Statistical Procedures; Chapman & Hall/CRC; Boca Raton, FL; 2 nd edn. (2000); Pages 390-392.	
	A6	TECHNICAL ASSOCIATES; "Concentrated Vibration Signature Analysis and Related Condition Monitoring Techniques"; Technical Associates of Charlotte, P.C.; Charlotte, NC (2002); Chapter 3.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 27, 2004 (use as many sheets as necessary)		Application Number	10/805,807
		Filing Date	03/22/2004
		First Named Inventor	Ashish Singhal
		Group Art Unit	2856
		Examiner Name	To be determined
Sheet 2 of 3	Attorney Docket Number	081445-0359	

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A7	ZANI, S., RIANI, M. and CORBELLINI, A.; "Robust Bivariate Boxplots and Multiple Outlier Detection"; Computational Statistics & Data Analysis; 28 (1998); Pages 257-270.	
	A8	ROSNER, B.; "Percentage Points for a Generalized ESD Many-Outlier Procedure"; Technometrics; 25 (1983); Pages 162-172.	
	A9	SHEATHER, S. J. and JONES, M. C.; "A Reliable Data-Based Bandwidth Selection Method for Kernel Density Estimation"; J. Royal Statistical Soc. Ser.; B; 53 (1991) Pages 683-690.	
	A10	WATTS, B. and VANDYKE, J., SR.; "An Automated Vibration-Based Expert Diagnostic System"; Sound and Vibration; 27(9) (1993); Pages 14-20.	
	A11	WORDEN, K.; "Damage Detection Using Multivariate Statistics, Part II: Kernel Density Estimation"; In Proc. Intl. Conf. On Noise and Vibration Engr. (ISMA-23); Leuven, Belgium (1998); 9 Pages.	
	A12	MARRON, J. S. and RUPPERT, D.; "Transformations to Reduce Boundary Bias in Kernel Density Estimation"; J. Royal Statistical Society Ser. B; 56 (1994); Pages 653-671.	
	A13	PARK, B. U. and TURLACH, B. A.; "Practical Performance of Several Data Driven Bandwidth Selectors"; Computational Statistics; 7 (1992); Pages 251-270.	
	A14	JONES, M. C.; "Simple Boundary Correction for Kernel Density Estimation"; Statistics and Computing; 3 (1993); Pages 135-146.	
	A15	MARCAL, R. F. M., NEGEREIRO, M., SUSIN, A. A. and KOVALESKI, J. L.; "Detecting Faults in Rotating Machines"; IEEE Instrum. & Meas. Mag.; 3(4) (2000); Pages 24-26.	

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		First Named Inventor	Ashish Singhal
		Group Art Unit	2856
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Sheet	3	of	3
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	A16	FORSTER, J. J.; "Estimating the Survival Distribution"; In Lecture Notes in Survival Analysis; School of Mathematics, University of Southampton, Highfield, UK; (2003); 27 Pages; http://www.maths.soton.ac.uk/staff/JJForster/Teaching/Math6021 .	
	A17	CARONI, C. and PRESCOTT, P.; "Sequential Application of Wilk's Multivariate Outlier Test"; Appl. Statistics; 41; (1992); Pages 335-364.	
	A18	CAREY, V. J., WAGNER, C. G., WALTERS, E. E. and ROSNER, B. A.; "Resistant and Test-Based Outlier Rejection: Effects on Gaussian One-and Two-Sample Inference"; Technometrics; 39; (1997) Pages 320-330.	
	A19	BERRY, J. E., "Proven Method for Specifying Both Spectral Alarm Bands as Well as Narrowband Alarm Envelopes Using Today's Condition Monitoring Software Systems"; Technical Associates of Charlotte, PC, Charlotte, NC, 4 th edn. (2002), 59 Pages.	
	A20	DUDA, R. O., HART, P.E. and STORK, D. G., Pattern Classification, "Nonparametric Techniques", John Wiley, NY, 2 nd edn. (2001), Chapter 4, Pages 161-200.	
	A21	SCOTT, D. W., "Multivariate Density Estimation: Theory, Visualization and Practice", John Wiley, NY (1992) Chapters 6 & 7.	
	A22	SILVERMAN, B.W., "Density Estimation for Statistics and Data Analysis", Chapman & Hall, London (1986), whole book.	
	A23	VENABLES, W. N. and RIPLEY, B. D., "Modern Applied Statistics with S. Springer, NY, 4 th edn. (2002), Chapter 13.	
	A24	WAND, M.P. and M. C. JONES, "Kernel Smoothing", Chapman & Hall/CRC, Boca Raton, FL (1995), Chapters 2, 3 and 4.	

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